

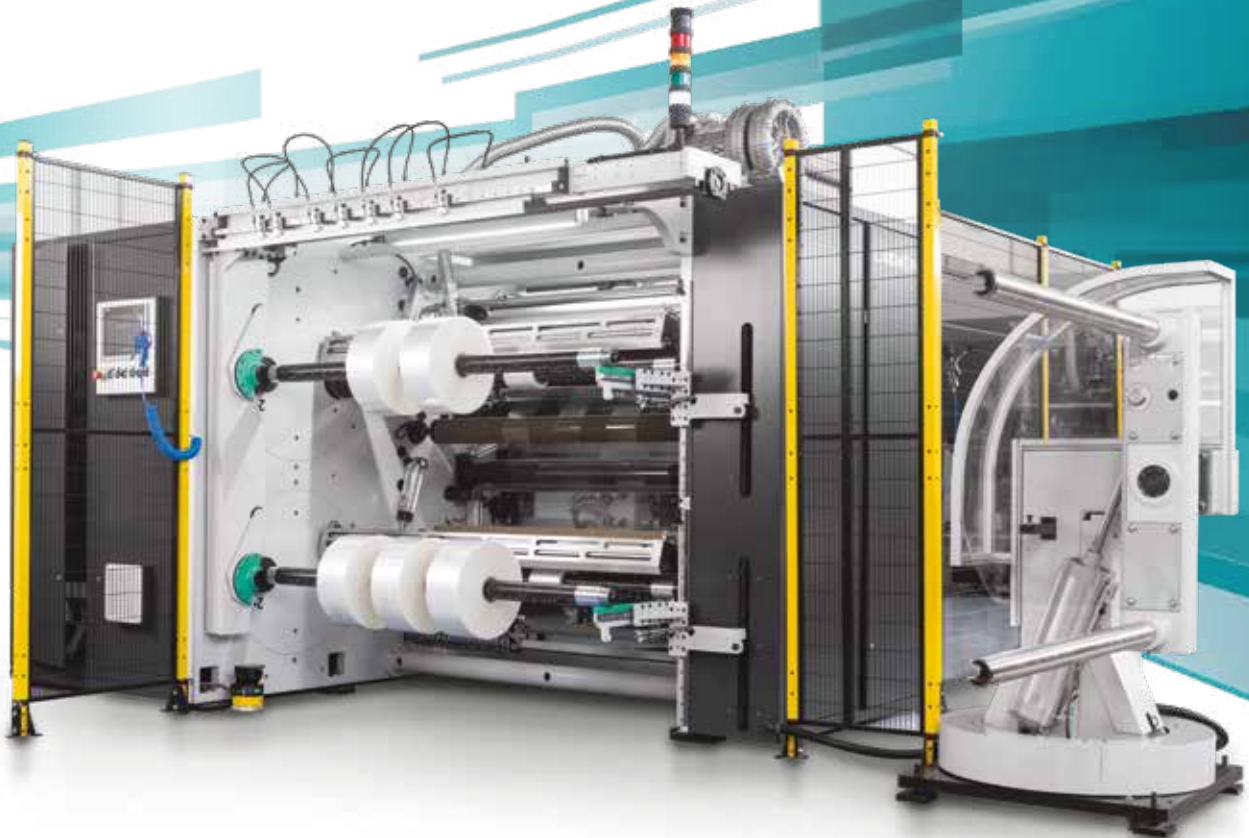


# RIBOSLIT SERIES

RIBOSLIT 2 - RIBOSLIT 4

## Compact High Technology Slitter Rewinders for the Flexible Packaging Industry

Flexible packaging materials



CUTTING EDGE  
TECHNOLOGY

**LAEM**  **IMS**  
A BRAND OF IMSTECHNOLOGIES

**170**  1851  
2021  
PIONEERING  
YEARS

## 360° Service Philosophy

Choose technology and expertise from IMS TECHNOLOGIES, with more than 14000 machines installed around the world.

Ask about our solutions for efficiency, quality and profitability in converting the widest range of materials.

IMS TECHNOLOGIES engineers are always available to promptly provide worldwide support in multiple languages by remote assistance or with fast on-site service.

An efficient stock management system allows us to supply spare parts worldwide with reduced delivery times.



## Industry 4.0

MAIA® is the Industrial IoT platform developed for IMS TECHNOLOGIES customers. Cloud-based MAIA® enables users to collect data from machines and visualize them through easy to use as well as highly representative dashboards. Furthermore, stored data is analyzed to detect long-term trends and facilitate maintenance.

Using advanced analytics and AI, MAIA® provides customers with several suggestions about machine settings, allowing optimized operations, enhanced efficiency and product quality, as well as the ability to implement new business models.

### Benefits:

- » Connect machines to a central management tool
- » Collect, monitor and analyze data in real-time
- » Gain insights to improve efficiency and profitability
- » Take advantage of apps and solutions able to solve real problems.



## A UNIQUE DESIGN, SYNTHESIS OF QUALITY, PERFORMANCE AND SAFETY

The RIBOSLIT Series is designed for film manufacturers and converters whose desire is to combine reduced operating space and investment with high-quality components.

The Series is composed of the compact dual shaft slitter rewinder **RIBOSLIT 2** and the compact double turret slitter rewinder **RIBOSLIT 4**.

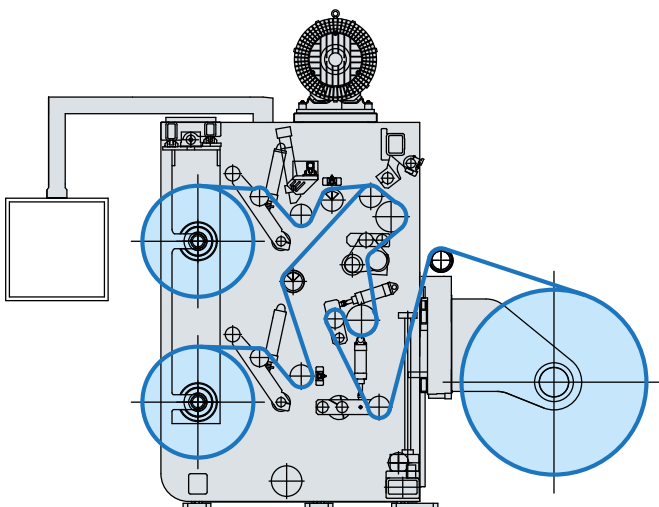
Featuring innovative and ergonomic design and re-designed operator-friendly software and HMI, the RIBOSLIT Series can process at high speed of up to 600 m/min most films and laminates in the flexible packaging industry.

The RIBOSLIT Series stands for compactness, which is represented by its shaftless unwinder embedded in the machine body. Alternatively, it is possible to separate the unwinder with a footwalk, in order to include a wide and ergonomic splice table.

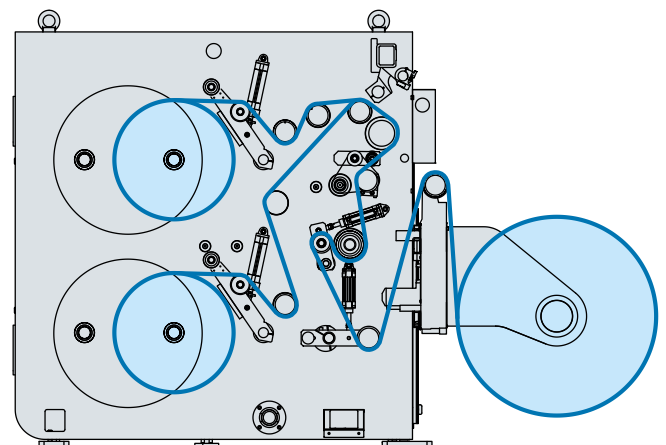
Both **RIBOSLIT 2** and **RIBOSLIT 4** showcase the same features and ensure low footprint and high efficiency, but differ by their configurations, making the RIBOSLIT Series a versatile solution according to each customer's production needs.

## EXCLUSIVE TECHNOLOGY

» Sturdy monoblock free standing slitter with integrated electrical cabinet	» Operator friendly settings and commands panel
» Differential shaft with friction rings offering the standard 70 mm (2,7"), 76 mm (3") and 152 mm (6") core sizes	» Finished reels extraction system
» Razor blades and/or shear knives slitting system	» Electro-mechanical reels lifting system
» Full lay-flat rubberized lay-on rollers	» Reduced downtimes thanks to the lean set-up of the machine
» Easy and swift maintenance program ensuring costs savings	» Automatic tension control with two closed loop systems



RIBOSLIT 2 layout



RIBOSLIT 4 layout

## Technical data RIBOSLIT 2 - RIBOSLIT 4

» Mother reel web width up to:	1600 mm // 63"
» Mother reel diameter:	Max. 1000 mm // 39.4" Min. 450 mm // 17.7" (automatic lifting)
» Mother reel weight up to:	1500 kg
» Maximum diameter of finished reels:	600 mm // 23.6"
» Minimum slitting width:	30 mm // 1.2"
» Speed up to:	600 m/min // 1.968,5 ft/min
» Web direction:	Right-side or Left-side

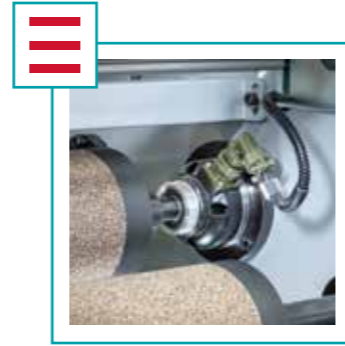




**1**  
User-friendly HMI with push buttons, featuring a pivoting console that houses a Siemens color operator touch panel to perform the main machine functions



**2**  
Manual laser core alignment



**3**  
Closed loop tension control and lay-on pressure control



**4**  
Electro-pneumatic drives for the unwinder brackets



**5**  
Blade oscillation function for razors slitting



**6**  
Additional comfort kit to improve the accessibility to the slitting section, while maintaining a compact configuration



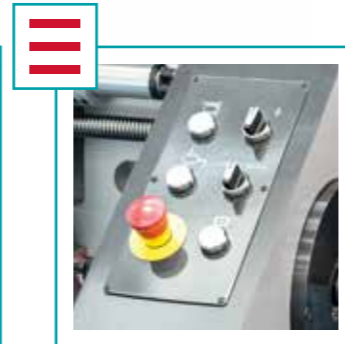
**7**  
Black background display, to ensure maximum readability



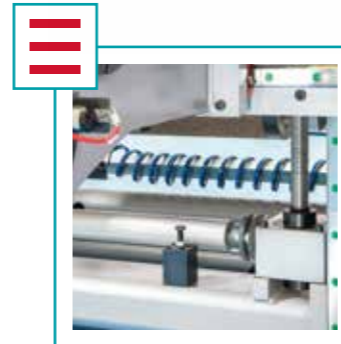
**8**  
Reel pushing system from top: safe and clean rack and linear guides



**9**  
Choice of various off-loading tools, up to servo-driven systems with multiple rotational axes



**10**  
Safe unwinder controls on bracket-mount



**11**  
Electro-pneumatic drive for the reel lifting function



**12**  
MTS bar for knives positioning aid



**13**  
Pull roll with nip roll



**14**  
Dancer roller for full automatic tension control on unwinder

# Converting the future since 1851

1 Group | 3 Divisions | 4 Brands

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**GOEBEL**  **IMS**

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Slitter rewinders, automatic un- and winders and inspection machines for the **primary** and **converting** industries, able to process **film**, **paper** and board, **aseptic packaging**, **aluminum foil** and **nonwoven**

**LAEM**  **IMS**

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Dual shaft, turret, station and compact slitter rewinders, inspection machines and highly automated machinery for **flexible packaging**, film, paper and laminat

**ROTOMAC** 

[www.rotomac.it](http://www.rotomac.it)

Rewinding, embossing and **packaging** machinery for food wrapping in aluminium foil, film and baking paper

**DELTAMOULD** 

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